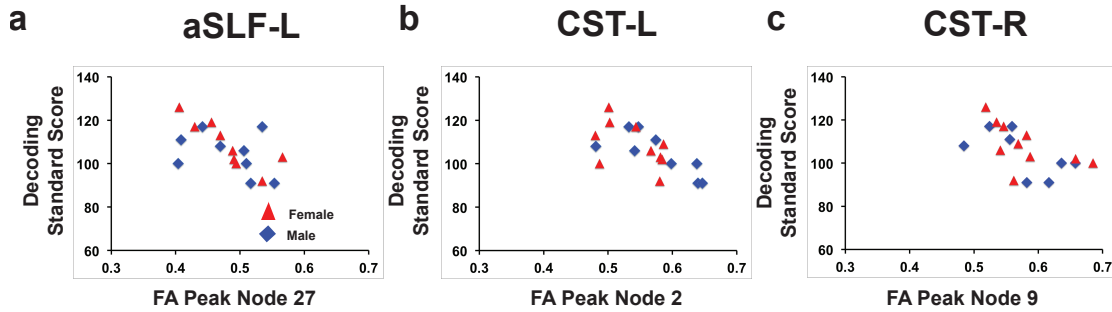
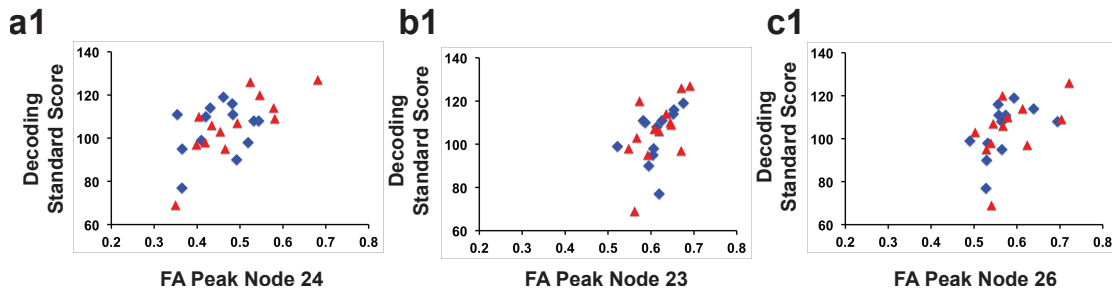


Supplemental Figure 1

### Full Term



### Preterm



Supplemental Figure 1. Scatter plots demonstrate that associations between FA and decoding are unlikely to be driven by gender differences in full term and preterm groups. Scatter plots from Figures 2 and 3 are repeated here only for those tracts (aSLF-L, CST-L, CST-R) found to demonstrate significant associations with decoding in both full term (a-c) and preterm groups (a1-c1). Scatter plots are the same as those reported in Figures 2a,d,e and 3a,d,e and now include symbols (diamonds or triangles) to denote gender (male or female, respectively). (FA = fractional anisotropy; aSLF = anterior Superior Longitudinal Fasciculus; CST = corticospinal tract; L= left; R= right).